Sheet 1 of <u>4</u>



Form PTO-1449

RMATION DISCLOSURE CITATION IN AN APPLICATION

Application Number 08/631,613

Michael J. Sullivan et al

Title Improved Multi-Layer Golf Ball

(Use several sheets if necessary)			- 1	ling Date 4/10/	96	Group A		Docket Number SPALD/164/US			
6 PL		l	J.S.	PATE	NT DOCUMEN	NTS			`		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLASS	SUBCLASS		FILING DATE IF APPROPRIATE		
MAR	2,741,480	04/1956		Smith		273	227				
KIM	2,973,800	03/1961		Muc	Muccino		154	17	7		
MILE	3,053,539	09/1962		Piechowski		273	230				
MDE	3,313,545	04/19	67	Bart	sch		273	21	8		
Digm	3,502,338	03/19	70	Cox			273	21	8		
DIM	3,534,965	10/19	70	Harr	ison et al.		273	21	8		
Ligm	3,572,721	03/19	03/1971		ison et al.		372	21	8		
MICH	3,883,145	05/1975		Сох	et al.		273	21	8		
LĎM	3,989,568	11/1976		isaa	C <sub>.</sub>		156	18			
20M	4,076,255	02/1978		Моо	re et al.	• • •	273	22	26		
M	4,123,061	10/197	78	Dust	oiber		273	22	20		
<u> </u>		FOF	REIG	N PAT	ENT DOCUM	IENŢS				•	
	DOCUMENT NUMB	ER	DA	TE	COUNTRY	<b>Y</b>	CLASS	su	BCLASS	Tran YES	NO ·
mod	494,031	1	0/1	938	Great Britair	1		_			
HOM	2 245 580 A	(	)1/1	992	Great Britair	1		_	<del></del> .	•	
MOL	2 248 067 A		)3/1	992	Great Britair	1					
DIM	0 633 043 A1		)1/1	995	EP			_			
DIM	0 637 459 A1	(	)2/1	995	EP			-			ļ !
V	OTHER D	OCUME	NTS	(Includ	ding Author, Title	, Date,	Pertinent l	Page	s, Etc.)		
MRZ	English Abstract for JP 1,771,941, publ. 8/6/92										
£3m [	English Abstract	English Abstract for JP 1,795,357, publ. 1/19/93									
THM [	Du Pont NUCREL	.® 035 F	Resin	, Du F	ont Company	y, Wilr	nington,	DE	19898		
mka	ESCOR® ACID TI	ERPOLY	MER	S, EX	XON Chem. (	Co.					
	·								,		
EXAMINER	George J.	00	MΛ	Lo	DATE CONSI	DERED	- 8 -	a	7		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449

Application Number O8/631,613

Inventor Michael J. Sullivan et al

INFORMATION DISCLOSURE CITATION Nan APPLICATION

N AN APPLICATION

Filing Date O4/10/96

Group Art Unit Docket Number SPALD/164/US

1990		U.S.	PATENT DOCUMENTS	•			
DE NAMER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
Lam	4,272,079	06/1981	Nakade et al.	273	225		
ZOM	4,274,637 /	06/1981	Molitor	273	235 R		
FOM	4,431,193	02/1984	Nesbitt	273	235 R		
DIM	4,570,937	02/1986	Yamada	273	220		
TOM	4,650,193 /	03/1987	Molitor et al.	273	228		
more	4,674,751	06/1987	Molitor et al.	273	235 R		
MACL	4,679,795	07/1987	Melvin et al.	273	235 R		
DIM	4,688,801	08/1987	Reiter	273	218	·	
LIM	4,690,981	09/1987	Statz	525	329.6		
Lam	4,714,253	12/1987	Nakahara et al.	273	228		
mal	4,798,386	01/1989	Berard	273	235 R		
LOM	4,848,770	07/1989	Shama	273	228		
DAM	4,852,884 /	08/1989	Sullivan	273	230		
LIM	4,884,814	12/1989	Sullivan	273	235 R		
DOM	4,858,923	08/1989	Gobush et al.	273	62		
LOM	4,858,924	08/1989	Saito et al.	273	62		
218m	4,911,451	03/1990	Sullivan et al.	273	235 R		
20m	4,919,434 /	04/1990	Saito	273	235 R		
MRL	4,986,545	01/1991	Sullivan	273	235 R		
V		FOREIG	N PATENT DOCUMENTS	3			
	DOCUMENT NUMBER		E COUNTRY	CLASS	SUBCLASS	Translation YES NO	
	OTHER D	OCUMENTS	(Including Author, Title, Date	, Pertinent	Pages, Etc.)		

EXAMINER

George J. MARLO DATE CONSIDERED 1-8-97

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Title Improved Multi-Layer Golf Ball

(2-92) Sheet <u>3</u> of <u>4</u>

Form PTO-1449

Application Number 08/631,613

nventor

Michael J. Sullivan et al

INFORMATION DISCLOSURE CITATION

AN APPLICATION

sheets if necessary)

Filing Date 04/10/96

Group Art Unit

Docket Number SPALD/164/US

1996

## **U.S. PATENT DOCUMENTS**

1000	.8	0.5.	PATENT DUCUMENTS			
EXAMPLE INTERPRETATION	<b></b>	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Lam	4,979,746	12/1990	Gentiluomo	273	220	
LAM	4,984,804	01/1991	Yamada et al.	273	235 R	
20m	5,002,281	03/1991	Nakahara et al.	273	220	
20m	5,019,319	05/1991	Nakamura et al.	273	218	
Lam	5,026,067	06/1991	Gentiluomo	273	220	
MRS	5,048,838	09/1991	Chikaraishi et al.	273	228	
Lam	5,068,151,-	11/1991	Nakamura	428	407	
Lam	5,072,944	12/1991	Nakahara et al.	273	220	
Lam	5,096,201	03/1992	Egashira et al.	273	218	
2 m	5,098,105	03/1992	Sullivan	273	235 R	
Liam	5,104,126	o4/1992	Gentiluomo	273	228	
Lam	5,120,791	06/1992	Sullivan	525	196	
LOM	5,156,405	10/1992	Kitaoh et al.	273	235 A	
LISM	5,184,828	02/1993	Kim et al.	273	228	
DO M	5,187,013	02/1993	Sullivan	428	407	
LOM	5,197,740	03/1993	Pocklington et al.	273	235 R	
MAC	5,222,739	06/1993	Horiuchi et al.	273	235 R	!
med	5,244,969	09/1993	Yamada	524	908	
LIDM	5,253,871	10/1993	Viollaz	273	228	
		FOREIG	N PATENT DOCUMENTS	,		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
DOCOMENT NOMBER		COCHTIT	QLAGO	OODOLAGO	YES	NO	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

George J

MARLO

DATE CONSIDERED

1-8-97

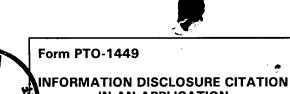
**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

(2-92) Sheet 4 of 4

**Application Number** Form PTO-1449 08/631,613 Michael J. Sullivan et al INFORMATION DISCLOSURE CITATION ABON APPLICATION Title Improved Multi-Layer Golf Ball Filing Date **Group Art Unit Docket Number** sheets if necessary) 330 04/10/96 SPALD/164/US **U.S. PATENT DOCUMENTS** CUMENT NUMBER **SUBCLASS FILING DATE** DATE NAME **CLASS** IF APPROPRIATE 5,273,286 12/1993 Sun 273 228 5,273,287 12/1993 Molitor et al. 273 232 5,274,041 12/1993 Yamada 525 196 5,281,651 01/1994 Arjunan et al. 524 519 525 274 5,304,608 04/1994 Yabuki et al. 04/1994 524 400 5,306,760 Sullivan 5,312,857 05/1994 Sullivan 524 400 05/1994 **Proudfit** 273 235 R 5,314,187 06/1994 525 5,324,783 Sullivan 196 07/1994 **Sullivan** 525 196 5,328,959 235 R 5,334,673 08/1994 Wu 273 428 407 5,338,610 08/1994 Sullivan 5,368,304 11/1994 Sullivan et al. 273 220 5,403,010 04/1995 Yabuki et al. 273 220 08/1995 Egashira et al. 273 228 5,439,227 5,482,285 01/1996 Yabuki et al. 273 228 02/1996 Hiraoka 273 220 5,490,673 5,492,972 02/1996 Stefani 525 196 FOREIGN PATENT DOCUMENTS Translation DATE COUNTRY **CLASS SUBCLASS DOCUMENT NUMBER** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** George EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.







(Use several sheets if necessary)

Inventor Application Number

Q84631,613

Michael J. Sullivan et al.

Title Improved Multi-Layer Golf Ball IN AN APPLICATION

Filing Date 04/10/96 Group Art Unit

Docket Number SPALD/164/US

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		3 DATE IOPRIATI
					,	در د آ ون <b>دنت س</b> نت ر	)
					SEP 1	u 1996	
					مي ميريدي آوردي	· / Tuc.	)
		-			·		
	·	:					
							<del>.</del>
							<del>-</del> .
		FOREIG	N PATENT DOCUME	NTS			
	DOCUMENT NUMBER		E COUNTRY	CLASS	SUBCLASS	YES	NO
2DM	GB 2 291 811 A	1996	Great Britain				
HYM	GB 2 291 812 A	1996	Great Britain				
	OTHER DO	CUMENTS	(Including Author, Title, I	Date, Pertinent	Pages, Etc.)		
						-	
<u> </u>		•					
Ţ							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.